Third Grade Cluster 8 Assessment .Teacher Guide



This assessment assesses students' ability to:

- Estimate and compare liquid volumes
- Estimate and compare mass
- Make connections to everyday items to build understanding of liquid volume and the liter
- Choose appropriate measurement units to measure mass and volume

Common Core Standards:

This assessment addresses each of the following Common Core Standards:

Standard	Questions	
NC.3.MD.2	1, 2, 3, 4, 5, 6, 7	

Data Driven Instruction:

This assessment is one data point and should be used with data gathered from multiple sources to make an informed decision about each student's misconceptions and mastery.

3rd Grade Cluster 8- Scoring Guide

Question	Standard	Answer
1	NC.3.MD.2	D
2	NC.3.MD.2	В
3	NC.3.MD.2	D
4	NC.3.MD.2	D
5	NC.3.MD.2	В
6	NC.3.MD.2	A
7	NC.3.MD.2	D

3rd Grade Cluster 8 Assessment

Directions:

Solve each problem and show your work.

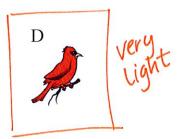
1. Which of the following has a mass (weight) of about 2 ounces?











- 2. My punch recipe needs 5 cups of orange juice and 3 cups of ice cream to make punch. If I double my punch recipe, how many liters of punch will I make?

A 8 cups C 30 cups B 16 cups D 32 cups

- 3. If Komora is measuring the weight of her pen, which unit should she use?
 - A cups
 - C pints

- B pounds
- D ounces
- 4. Jose and Rashik are making a tree house swing. Jose has a rope that is 75 inches long. Rashik has a rope that is 127 inches long. If they connected their ropes, how long would the new rope be?
 - A 52 inches
 - C 192 inches

- B 102 inches
- D 202 inches

5. You are planning to fill a large fish tank with water. Which unit might you use to measure the amount of water needed for the fish tank?



A quarts

C pounds

B gallons
D inches

6. Carla and Mikela went to the county fair and saw pumpkins on scales. Carla's pumpkin weighed 9 pounds. Carla's pumpkin weighed 7 pounds less than Mikela's pumpkin.

What was the combined weight of the pumpkins?

A 25 pounds

C 16 pounds

B 11 pounds

D 2 pounds

7. Jaime was mixing a blue liquid and a yellow liquid during science. There was 39 cups of blue liquid and 17 cups of yellow liquid. If Jaime pours an equal amount of liquid into 8 containers how much liquid is in each cup?

A 65 cups

C 14 cups

B 56 cups

D 7 cups

1500 50:8=7